

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION: 2608
ANSWERED ON 17.03.2025

ENERGY-EFFICIENT DESIGN OF NEW HOSTEL BUILDING

2608. SHRI HASMUKHBHAI SOMABHAI PATEL: SHRI TEJASVI SURYA:
SHRI MITESH PATEL BAKABHAI:

Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

- (a) the scheme being formulated by the Government to maintain energy efficient design of new hostel buildings;
- (b) the steps being taken to ensure that the hostels for trainees in the country and particularly those for the economically weaker sections remain affordable; and
- (c) the manner in which the hostels will provide assistance to ensure guidelines, career guidance, mentorship and access to resources for trainees?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI JAYANT CHAUDHARY)

(a) The Directorate General of Training (DGT) under the Ministry of Skill Development & Entrepreneurship (MSDE), runs the Crafts Instructor Training Scheme (CITS) with an objective to provide comprehensive training in both hands-on skills and training methodology to the instructor trainees to make them conversant with techniques for training skilled manpower for the industry. CITS is offered through a network of 33 National Skill Training Institutes (NSTIs) and 120 Institute for Training of Trainers (IToTs) (109 State Govt. & 11 Private owned) across the country.

Out of the 33 National Skill Training Institutes, run by DGT, 19 are women NSTIs and 14 are general NSTIs. Also 24 NSTIs are housed in their own building. There are a total of 26 hostels (11 boys' hostel and 15 girls' hostel).

Almost all NSTI buildings, including hostel facilities under DGT are being designed and constructed by the Central Public Works Department (CPWD) under the Ministry of Housing and Urban Affairs (MoHUA). CPWD has informed that sustainable site planning is done to ensure optimal utilization of built up area as per the topology of the building. It is also being informed that sustainable building material/ alternate material usage is done so as to minimize requirement of traditional non sustainable materials e.g. walls are constructed with

fly ash brick instead of OPC/ PPC cement. CPWD also ensures that the buildings incorporate energy-efficient designs, minimizing carbon footprints throughout their life cycle. The new hostels are designed with a focus on climate responsiveness, optimal orientation, solar access, and natural ventilation. To further improve energy efficiency, these hostels incorporate LED lighting, solar-powered streetlights, energy efficient fans, and other energy-efficient equipment.

To enhance energy efficiency within the NSTI ecosystem, continuous efforts are made to integrate renewable energy sources. As part of this initiative, rooftop solar panels with a combined capacity of 2,206 kW have been installed across 24 NSTIs.

(b) The hostel rooms are provided at very affordable cost amounting to Rs.100 per month for the trainees enrolled under long-term courses which is uniform across all NSTIs. Meals are also provided for the trainees on payment basis at nominal rates in the hostels.

(c) The trainees are provided with career counselling, guidance and relevant learning resources in the NSTIs through Counselling Cell in NSTIs. Apart from this, most NSTIs are also equipped with library, open auditorium, recreation room with TV, various sports facilities and canteen. These facilities can be accessed by the trainees residing in the NSTI hostels. Institutes also have Training and Placement cell, which help these trainees for On-the-Job (OJT) training, industrial visits, placement to reputed industries through placement drive.
